

Recommended ISS Utilization Management Organization Objectives

1. Facilitate the pursuit of flight research

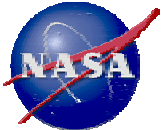
- Ensure safety of human life and protection of assets
- Advocate academic, government, and industry utilization of the ISS
- Manage efficient research infrastructure and processes in accordance with Agency goals
- Manage outfitting of the U.S. portion of ISS to enable research
- Manage research selection and effectiveness

2. Optimize research opportunities within current capabilities of ISS and with future enhancements for greater capabilities

- Make the complex operating environment associated with ISS transparent to the end-user
- Reduce the end-to-end cycle time associated with the announcement, selection, development, flight and achievement of results for research and development endeavors on the ISS

3. Increase the long-range productivity of science, technology, and commercial research and development

- Fully engage the user community across the globe in the the utilization of this world class international laboratory
- Generate and disseminate:
 - New knowledge
 - Space-based and Earth-based applications



Recommended ISS Utilization Objectives and Metrics, cont'd

1. Facilitate the pursuit of flight research

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Impact measured by:

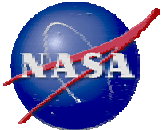
- ✓ Growth in the number of non-NASA organizations utilizing the ISS
- ✓ Growth in the number and variety of technologies demonstrated
- ✓ Percentage of Enterprise research priorities met

Quality measured by:

- ✓ Percentage of research requirements and success criteria achieved

Efficiency measured by:

- ✓ Reduction in cost of research (e.g., average cost of PI/discipline)
- ✓ Percentage of sites occupied (occupied rack and attached site locations)



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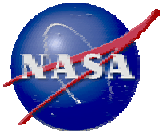
- ✓ Growth in ISS capabilities allocated to research
- ✓ Improvements in customer satisfaction (measured by surveys conducted)

Quality measured by:

- ✓ Maturity of research selected
- ✓ Percentage of research requirements met

Efficiency measured by:

- ✓ Reduction in the end-to-end cycle time



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Impact measured by:

- ✓ Growth in the number of publications per year
- ✓ Growth in the number of technologies transferred
- ✓ Growth in the number of non-NASA attendance at conferences, etc.
- ✓ Growth in the number and quality of education initiatives conducted

Quality measured by:

- ✓ Growth in the number of patents issued, reimbursable agreements, and licensing and equity agreements
- ✓ Growth in the number of degrees awarded

Efficiency measured by:

- ✓ Growth in the number of non-NASA organizations advocating and utilizing the ISS